

Answer Form for 2018 IGCP-649 Workshop

Name		Gender		Nationality	
Postal Code		Phone/Cell			
Fax		E-mail			
Affiliation					
Address					
Oral Presentation (Yes/No)		Field Excursions			
Presentation Title					
Guest or spouse					
Accommodation Request	Single/Double				
Remarks					

*CARMA Group*  
*Institute of Geology, CAGS, China*  
*University of Queensland, Australia*  
*TBR Group*  
*Nanjing University, China*  
*China University of Geosciences (Wuhan)*



**IGCP 649 Diamonds and Recycled Mantle Workshop and Fieldtrip: Australia and New Caledonia**

**2<sup>nd</sup>-14<sup>th</sup> July, 2018**

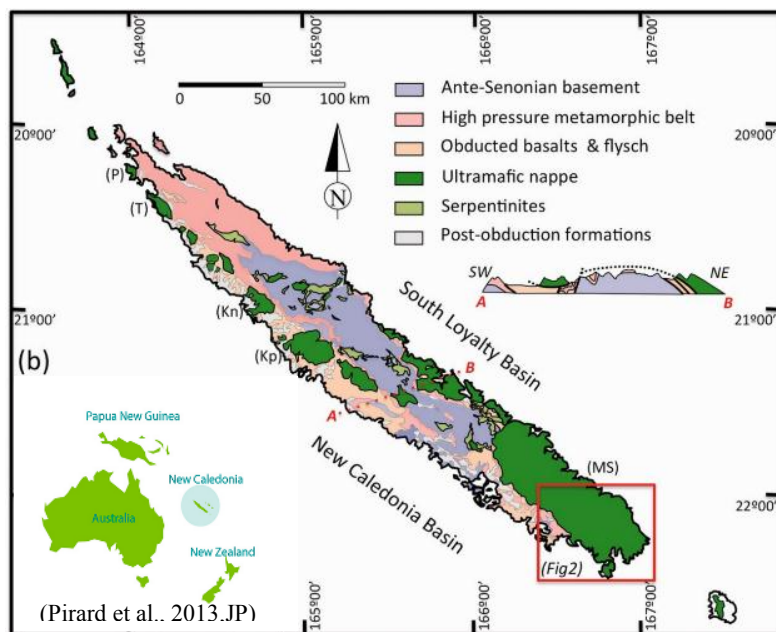


**FIRST CIRCULAR**

**Organized by IGCP-649 Project**  
**The University of Queensland**

The **Fourth IGCP-649 Diamonds and Recycled Mantle Workshop and field trip** will take place on **July, 2-14, 2018 in Australia and New Caledonia**, to investigate the ophiolite, chromitite, and related plate tectonic and mantle dynamic processes of both Eastern Australia and New Caledonia. This workshop is sponsored by the IGCP-649 project “Diamonds and Recycled Mantle” led by Prof. Jingsui Yang (CARMA, Institute of Geology of CAGS, China) and Prof. Jonathan Aitchison (School of Earth and Environment Sciences, The University of Queensland, Australia).

The IGCP-649 is an International Geosciences Program sponsored by UNESCO and IUGS, supporting the work of ultrahigh pressure and highly reduced minerals in ophiolitic peridotite and chromitite. The project will undertake sampling of peridotite-chromitite in ophiolites around the world that have a diverse range of ages and geochemical affinities to document the extent of diamond occurrence in the mantle. The creation of this IGCP project emphasizes



the global importance of the original work, and provides support for a series of international workshops that will bring together students, young professional and established researchers to discuss some of the most significant scientific questions pertaining to the mantle dynamics and composition.

The workshop will consist a two-day pre-conference excursion across New England in Australia. Participants will have the opportunity to see Paleozoic rocks of the New England orogeny as well as to experience some Australian countryside and wildlife. We will visit Cambrian ophiolites of the Weraerai terrane, Siluro-Devonian intra-oceanic island arc rocks of the Gamilaroi terrane, Permo-Triassic Sydney-Bowen Basin Gondwana coal measures, forearc basin sediments near Tamworth region, accretionary complex rocks in the New England tablelands and classical S- and I-type granite locations of the New England Batholith.

The conference will last for two days and be hosted at the School of Earth and Environmental Sciences in The University of Queensland, St Lucia Campus, Brisbane.

The post-conference field trip is composed of seven days to investigate the ophiolite and chromite in New Caledonia. This field excursion will visit the world class ophiolites (both of early Permian and Eocene ages) and associated chromite deposits that are present in New Caledonia, as well as high P/T metamorphic rocks (blueschists and eclogites) in the NE of the island. New Caledonia is one of the best examples anywhere of an arc-continent collision system and should be visited by any geologists studying ophiolites or collisions.

**The post-conference field trip may be limited to 30 participants.** Please fill the attached form and send back to us at your earliest convenience. Registration is on a first come, first served basis.

### Important dates

1 <sup>st</sup> November, 2017	On-line registration open
1 <sup>st</sup> February, 2018	Deadline for submitting registration form
1 <sup>st</sup> May, 2018	Deadline for abstract submission
3 <sup>rd</sup> -4 <sup>th</sup> July, 2018	Pre-conference field trip in eastern Australia, Sydney to Brisbane
5 <sup>th</sup> -6 <sup>th</sup> July, 2018	Conference at the University of Queensland, Brisbane
8 <sup>th</sup> -14 <sup>th</sup> July, 2018	Post-conference field trip in New Caledonia

### Contact Information

Associate Professor Dr. Cong Zhang [igcp649@163.com](mailto:igcp649@163.com) Mobile: +86 170-9013-7485

Dr. Renjie Zhou [renjie.zhou@uq.edu.au](mailto:renjie.zhou@uq.edu.au)

Dr. Tingting Shen [shentt@pku.edu.cn](mailto:shentt@pku.edu.cn)

Dr. Tian Qiu [qiutian2010@126.com](mailto:qiutian2010@126.com)

Dr. Dongyang Lian [ldy199008@163.com](mailto:ldy199008@163.com)

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